



PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Vito Fabbriizio et al.  
 Application No. : 10/631,323  
 Filed : July 31, 2003  
 For : LOW-VOLTAGE, VERY-LOW-POWER CONDUCTANCE MODE  
 NEURON

Art Unit : 2122  
 Docket No. : 03-I-712 (850063.603RI)  
 Date : May 19, 2005

Mail Stop Missing Parts  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

PETITION UNDER 37 CFR 1.47(a) TO ACCEPT APPLICATION WHEN JOINT  
 INVENTORS REFUSE TO JOIN OR CANNOT BE REACHED

Pursuant to 37 CFR 1.47(a), joint inventors Vito Fabbriizio and Alan Kramer hereby petition to file the above-identified application on behalf of themselves and joint inventor Gianluca Colli, who cannot be reached to execute a Declaration under 37 CFR 1.63 for the above-identified application. This petition is accompanied by the Declaration of Ms. Janice Kniep.

Statement of Facts

The last known address for Gianluca Colli is as follows:

Home:

141 Saratoga Avenue, #1215  
 Santa Clara, CA 95051

The last known telephone numbers for Gianluca Colli are as follows:

Home: 408-246-3546      Business: 408-451-8146

filing of and proceed in prosecuting the application on behalf of themselves and the non-joining co-inventor, Mr. Gianluca Colli.

Respectfully submitted,

SEED Intellectual Property Law Group PLLC



E. Russell Tarleton

Registration No. 31,800

ERT:jk

Enclosures:

Postcard

Declaration of Janice Kniep

701 Fifth Avenue, Suite 6300  
Seattle, Washington 98104-7092  
Phone: (206) 622-4900  
Fax: (206) 682-6031

590361\_1.DOC

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**PETITION FEE**  
**Under 37 CFR 1.17(f), (g) & (h)**  
**TRANSMITTAL**

(Fees are subject to annual revision)

Send completed form to: Commissioner for Patents  
 P.O. Box 1450, Alexandria, VA 22313-1450

Application Number	10/631,323
Filing Date	July 31, 2003
First Named Inventor	Vito Fabbriozio
Art Unit	2122
Examiner Name	
Attorney Docket Number	03-I-712 (850063.603RI)

**Enclosed is a petition filed under 37 CFR 1.47 that requires a processing fee (37 CFR 1.17(f), (g), or (h)). Payment of \$200 is enclosed.**

This form should be included with the above-mentioned petition and faxed or mailed to the Office using the appropriate Mail Stop (e.g., Mail Stop Petition), if applicable. For transmittal of processing fees under 37 CFR 1.17(i), see form PTO/SB/17i.

**Payment of Fees** (small entity amounts are NOT available for the petition fees)

- ☒ The Commissioner is hereby authorized to charge the following fees to Deposit Account No. 19-1090:  
☐ petition fee under 37 CFR 1.17(f), (g) or (h) ☒ any deficiency of fees and credit of any overpayments.  
 Enclose a duplicate copy of this form for fee processing.
- ☒ Check in the amount of \$200 is enclosed.
- ☐ Payment by credit card (Form PTO-2038 or equivalent enclosed). Do not provide credit card information on this form.

**Petition Fees under 37 CFR 1.17(f): Fee \$400 Fee Code 1462**

For petitions filed under:

- § 1.53(e) – to accord a filing date.
- § 1.57(a) – to accord a filing date.
- § 1.182 – for decision on a question not specifically provided for.
- § 1.183 – to suspend the rules.
- § 1.378(e) – for reconsideration of decision on petition refusing to accept delayed payment of maintenance fee in an expired patent.
- § 1.741(b) – to accord a filing date to an application under § 1.740 for extension of a patent term.

**Petition Fees under 37 CFR 1.17(g): Fee \$200 Fee Code 1463**

For petitions filed under:

- § 1.12 – for access to an assignment record.
- § 1.14 – for access to an application.
- § 1.47 – for filing by other than all the inventors or a person not the inventor.
- § 1.59 – for expungement of information.
- § 1.103(a) – to suspend action in an application.
- § 1.136(b) – for review of a request for extension of time when the provisions of section 1.136(a) are not available.
- § 1.295 – for review of refusal to publish a statutory invention registration.
- § 1.296 – to withdraw a request for publication of a statutory invention registration filed on or after the date the notice of intent to publish issued.
- § 1.377 – for review of decision refusing to accept and record payment of a maintenance fee filed prior to expiration of a patent.
- § 1.550(c) – for patent owner requests for extension of time in *ex parte* reexamination proceedings.
- § 1.956 – for patent owner requests for extension of time in *inter partes* reexamination proceedings.
- § 5.12 – for expedited handling of a foreign filing license.
- § 5.15 – for changing the scope of a license.
- § 5.25 – for retroactive license.

**Petition Fees under 37 CFR 1.17(h): Fee \$130 Fee Code 1464**

For petitions filed under:

- § 1.19(g) – to request documents in a form other than that provided in this part.
- § 1.84 – for accepting color drawings or photographs.
- § 1.91 – for entry of a model or exhibit.
- § 1.102(d) – to make an application special.
- § 1.138(c) – to expressly abandon an application to avoid publication.
- § 1.313 – to withdraw an application from issue.
- § 1.314 – to defer issuance of a patent.

*E. Russell Tarleton*  
 Signature

**E. Russell Tarleton**  
 Typed or printed name

**May 19, 2005**

Date

**31,800**

Registration No., if applicable



EXPRESS MAIL NO. EV336596897US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Vito Fabbrizio et al.  
Application No. : 10/631,323  
Filed : July 31, 2003  
For : LOW-VOLTAGE, VERY-LOW-POWER CONDUCTANCE MODE  
NEURON

Art Unit : 2122  
Docket No. : 03-I-712 (850063.603RI)  
Date : May 12, 2005

DECLARATION OF JANICE KNIEP

I, Janice Kniep, hereby declare as follows:

1. That I am a citizen of the United States, am over the age of 21, and am competent to attest to the facts set forth herein:

2. I am an employee of Seed Intellectual Property Law Group PLLC, the attorneys of record in the above-referenced application, and have been so employed since March 8, 2004.

3. On February 23, 2005, I left a voice message at the telephone number for Mr. Alan Kramer regarding the Declaration document for the above-identified application.

4. On February 23, 2005, Mr. Alan Kramer left a return voice message with a current address to send the Declaration document.

5. On February 25, 2005, I left a voice message at the last known telephone number for Mr. Gianluca Colli regarding the Declaration document for the above-identified application. The answering machine did not identify the owner, only that I had reached the number I dialed. I received no response to my voice message.

6. On February 25, 2005, I left a second voice message at the telephone number for Mr. Alan Kramer indicating that I would be sending the Declaration document to him for signature and to obtain Mr. Vito Fabbriizio and Mr. Gianluca Colli's signatures.

7. On March 3, 2005, I mailed the Declaration and application papers to Mr. Alan Kramer with a request that he sign the same and obtain the signatures of Mr. Vito Fabbriizio and Mr. Gianluca Colli, and to then return the executed Declaration and application papers.

8. On March 29, 2005, the Declaration was returned to me with Mr. Alan Kramer and Mr. Vito Fabbriizio's signatures. The Declaration was accompanied by a letter from Ms. Jennifer Dyer, the Human Resource's Manager at UPEK, Inc., on behalf of Mr. Alan Kramer, stating that the current whereabouts of Mr. Gianluca Colli are unknown. A copy of this letter is appended hereto as Attachment A.

9. From April 4, 2005 to April 19, 2005, I attempted several more times to reach Mr. Gianluca Colli at his last known work telephone number. I finally received a return phone call from a man who identified himself as "Rustum," who told me that the work telephone number on which I had been leaving messages was not Mr. Gianluca Colli's work number, and he did not know who Mr. Gianluca Colli was or where he is located.

10. I left no less than six voice messages at the last known home telephone number for Mr. Gianluca Colli. The answering machine I left the messages on did not identify the owner, only that I had reached the telephone number that I had called. To date, I have received no response to any of these voice messages that I left.

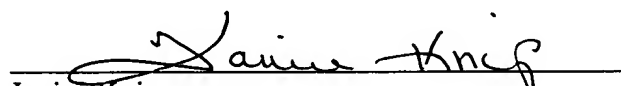
11. On May 12, 2005, I mailed the Declaration and application papers to Mr. Gianluca Colli at his last known home address, via U.S. Express Mail and via Federal Express, with a cover letter requesting that the Declaration be signed and returned. Evidence of the mailing and the returning as undeliverable of both packages is provided in Attachment B.

12. To date, there has been no response from Mr. Gianluca Colli or anyone on his behalf to correspondence and telephone messages.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that

these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application of any patent issued thereon.

DATED this 19<sup>th</sup> day of May, 2005.

  
Janice Kniep

50063.603RI / 590706\_1.DOC

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# **FEE TRANSMITTAL** **for FY 2005**

**Complete if Known**

Application Number	10/631,323
Filing Date	July 31, 2003
First Named Inventor	Vito Fabbrizio
Examiner Name	
Art Unit	2122
Attorney Docket No.	03-I-712 (850063.603RI)

☐ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT (\$5,510)**
**METHOD OF PAYMENT (check all that apply)**

- ☒ Check    ☐ Credit Card    ☐ Money Order    ☐ Other (please identify): \_\_\_\_\_  
☒ Deposit Account    Deposit Account Number: 19-1090    Deposit Account Name: Seed IP Law Group PLLC  
 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  
☐ Charge fee(s) indicated below    ☐ Charge fee(s) indicated below, except for the filing fee  
☐ Charge any additional fee(s) or underpayments    ☒ Charge any underpayments or credit any overpayments of fee(s) under 37 CFR 1.16 and 1.17

**Warning:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES			SEARCH FEES		EXAMINATION FEES	
	Fee (\$)	Small Entity Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	<b>790</b>
Design	200	100	100	50	130	65	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims
<u>24</u>	-20 or HP = <u>4</u>	X <u>50</u>	= <u>200</u>	Fee (\$)
				Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
<u>16</u>	-3 or HP = <u>13</u>	X <u>200</u>	= <u>2600</u>

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)) the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	-100 = _____	/50 = _____ (round up to a whole number)	x _____	_____

**4. OTHER FEE(S)**

	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	_____
Other (e.g., late filing surcharge): <u>Missing Parts Surcharge</u>	<b>130</b>
<u>Extension of Time (4 months)</u>	<b>1590</b>
<u>Petition Fee</u>	<b>200</b>

**SUBMITTED BY**

Signature	<i>E. Russell Tarleton</i>	Registration No. (Attorney/Agent)	31,800	Telephone	206-622-4900
Name (Print/Type)	E. Russell Tarleton	Date	May 19, 2005		



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- ENROUTE, May 13, 2005, 3:25 am, SAN JOSE, CA 95101
- ENROUTE, May 12, 2005, 5:22 pm, SEATTLE, WA 98158
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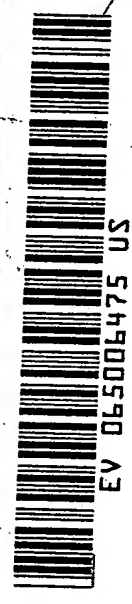
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Gianluca Colli 141 Saratoga Avenue, #1212 Santa Clara, CA 95051	
PHONE 206, 622-4900	
<input type="checkbox"/> <b>Insufficient Address</b>	
<input checked="" type="checkbox"/> <b>Attempted - Not Known</b>	
<input type="checkbox"/> No Such Number	
<input type="checkbox"/> Vacant	
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**REISSUE APPLICATION DECLARATION BY THE INVENTOR**Docket Number (Optional)  
**850063.603RI**

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 6,269,352, granted July 31, 2001, and for which a reissue patent is sought on the invention entitled LOW-VOLTAGE, VERY-LOW-POWER CONDUCTANCE MODE NEURON, the specification of which

☐ is attached hereto.

☒ was filed on July 31, 2003 as reissue application number 10/631,323  
and was amended on July 31, 2003.  
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

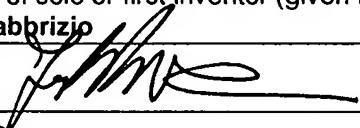
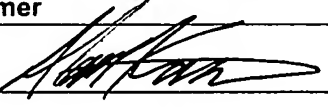
At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

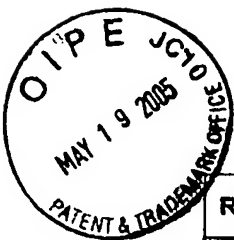
**This reissue is a broadening reissue. The claims are unduly limiting because of the recitation of "neural" in the preamble.**

[Page 1 of 2]



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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)		Docket Number (Optional) <b>850063.603RI</b>	
All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.			
<u>Name(s)</u>		<u>Registration Number</u>	
Correspondence Address: Direct all communications about the application to:		Customer Number	
<input checked="" type="checkbox"/> Customer Number <span style="font-size: 1.5em;">→</span>		30423	
OR			
<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
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Telephone		Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.			
Full name of sole or first inventor (given name, family name) <b>Vito Fabbrizio</b>			
Inventor's signature 		Date <b>3/29/05</b>	
Residence <b>Piacenza, Italy</b>		Citizenship <b>Italy</b>	
Mailing Address <b>Via Cornelianiana, 44 – 29100 Piacenza, Italy</b>			
Full name of second joint inventor (given name, family name) <b>Gianluca Colli</b>			
Inventor's signature		Date	
Residence <b>Santa Clara, California</b>		Citizenship <b>Italy</b>	
Mailing Address <b>141 Saratoga Avenue, #1215, Santa Clara, California 95051</b>			
Full name of third joint inventor (given name, family name) <b>Alan Kramer</b>			
Inventor's signature 		Date <b>March 25, 2005</b>	
Residence <b>Berkeley, California</b>		Citizenship <b>US</b>	
Mailing Address <b>705 Hilldale, Berkeley, California 94708</b>			
<input type="checkbox"/> Additional joint inventors are named on separately numbered sheets attached hereto.			



Express Mail No. EV336596876US

PTO/SB/52 (02-01)

Approved for use through 01/31/2004. OMB 0651-0033

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>REISSUE APPLICATION DECLARATION BY THE ASSIGNEE</b>		<b>Docket Number (optional)</b> 850063.603RI
<p>I hereby declare that:</p> <p>My residence and mailing address and citizenship are stated below next to my name.</p> <p>I am authorized to act on behalf of the following assignee: <u>STMicroelectronics S.r.l.</u></p> <p>and the title of my position with said assignee is: <u>Vice President of IP and Licensing</u></p> <p>The entire title to the patent identified below is vested in said assignee.</p>		
Name of Patentee(s): <b>Vito Fabbri, Gianluca Colli, and Alan Kramer</b>		
Patent Number <b>6,269,352</b>	Date of Patent Issued <b>July 31, 2003</b>	
Title of Invention <b>LOW-VOLTAGE, VERY-LOW-POWER CONDUCTANCE MODE NEURON</b>		
<p>I believe said patentee(s) to be the original, first and sole/joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled <u><b>LOW-VOLTAGE, VERY-LOW-POWER CONDUCTANCE MODE NEURON.</b></u></p> <p>the specification of which</p> <p><input type="checkbox"/> is attached hereto.</p> <p><input checked="" type="checkbox"/> was filed on <u><b>July 31, 2003</b></u> as reissue application number <u><b>10 / 631,323</b></u></p> <p>and was amended on <u><b>July 31, 2003</b></u></p> <p>(If applicable)</p> <p>I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.</p> <p>I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.</p> <p>I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)</p> <p><input type="checkbox"/> by reason of a defective specification or drawing.</p> <p><input checked="" type="checkbox"/> by reason of the patentee claiming more or less than he had the right to claim in the patent.</p> <p><input type="checkbox"/> by reason of other errors.</p> <p>At least one error upon which reissue is based is described as follows:</p> <p><b>The claims are unduly limiting because of the recitation of "neural" in the preamble.</b></p> <p>[Attach additional sheets, if needed.]</p> <p>All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.</p>		

[Page 1 of 3]

Burden Hour Statement: This form is estimated to take 0.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<b>REISSUE APPLICATION DECLARATION BY THE ASSIGNEE</b>		<b>Docket Number (optional)</b> 850063.603R1	
I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.			
Name(s)		Registration Number	
Correspondence Address: Direct all communications about the application to:		Customer Number	
<input checked="" type="checkbox"/> Customer Number —————→		30423	
OR			
<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
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Country			
Telephone	Fax		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.			
Full name of person signing (given name, family name) Lisa K. Jorgenson, Vice President of IP and Licensing			
Signature <i>Lisa K. Jorgenson</i>		Date May 12, 2005	
Address of Assignee Via C. Olivetti, 2 - I-20041, Agrate Brianza, Italy			
Patentee Vito Fabbrizio		Citizenship Italy	
Residence/Mailing Address Via Cornelianiana, 44 - 29100 Piacenza, Italy			
Patentee Gianluca Colli		Citizenship Italy	
Residence/Mailing Address 141 Saratoga Avenue, #1215, Santa Clara, California 95051			
<input checked="" type="checkbox"/> Additional Patentees are named on separately numbered sheets attached hereto.			

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<b>REISSUE APPLICATION DECLARATION BY THE ASSIGNEE</b>		<b>Docket Number (optional)</b> 850063.603RI	
I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.			
Name(s)		Registration Number	
Correspondence Address: Direct all communications about the application to:			Customer Number
<input checked="" type="checkbox"/> Customer Number →			30423
OR			
<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City	State	ZIP	
Country			
Telephone	Fax		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.			
Full name of person signing (given name, family name)			
Signature		Date	
Address of Assignee			
Patentee Alan Kramer		Citizenship US	
Residence/Mailing Address 705 Hilldale, Berkeley, California 94708			
Patentee		Citizenship	
Residence/Mailing Address			
<input type="checkbox"/> Additional Patentees are named on separately numbered sheets attached hereto.			



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PTO/SB/53 (02-01)

Approved for use through 01/31/2004. OMB 0651-0033  
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<b>REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT</b>		<b>Docket Number (Optional)</b> 850063.603RI
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) Vito Fabbriizio, Gianluca Colli, and Alan Kramer		
Patent Number 6,269,352	Date Patent Issued July 31, 2001	
Title of Invention LOW-VOLTAGE, VERY-LOW-POWER CONDUCTANCE MODE NEURON		
1. <input checked="" type="checkbox"/> Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)		
2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.		
One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".		
The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.		
The assignee(s) owning an undivided interest in said original patent is/are <u>STMicroelectronics S.r.l.</u> and the assignee(s) consents to the accompanying application for reissue.		
Name of assignee/inventor (if not assigned) STMicroelectronics S.r.l.		
Signature <i>Lisa K. Jorgenson</i>	Date May 12, 2005	
Typed or printed name and title of person signing for assignee (if assigned) Lisa K. Jorgenson, Vice President of IP and Licensing		

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Vito Fabbri et al.

Application No./Patent No.: 6,269,352

Filed/Issue Date: July 31, 2001

Entitled: LOW-VOLTAGE, VERY-LOW-POWER CONDUCTANCE MODE NEURON

STMicroelectronics S.r.l.

(Name of Assignee)

a

corporation

(Type of Assignee, e.g., corporation, partnership,  
university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above.  
The assignment was recorded in the United States Patent and Trademark Office at  
Reel 8543, Frame 0688, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the  
current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title noted in B above are  
attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be  
submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records  
of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

May 12, 2005  
Date

Lisa K. Jorgenson  
Typed or printed name

Lisa K. Jorgenson  
Signature

Vice President of IP and Licensing  
Title

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Docket No. 850063.603RI

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MAR 30 2005

SEED INTELLECTUAL PROPERTY  
LAW GROUP PLLC

March 29, 2005

Re: U.S. Reissue Patent Application No. 10/631, 323 entitled  
LOW-VOLTAGE, VERY-LOW-POWER CONDUCTANCE MODE NEURON  
ST Reference 03-I-712  
Seed IP Reference 850063.603RI

Dear Mr. Tarleton,

As per your previous correspondence with Mr. Alan Kramer, attached please find the executed Reissue Declaration for the above referenced patent application.

The document has been executed by Mr. Alan Kramer and Mr. Vito Fabbriozio. However, we do not know the current whereabouts of Mr. Gianluca Colli, and are therefore unable to obtain his signature on the document.

If you should have any questions, or require additional information, please do not hesitate to contact me at the numbers listed below, or via email at [jeniffer.dyer@upek.com](mailto:jeniffer.dyer@upek.com)

Sincerely,

A handwritten signature in black ink, appearing to be 'JD' with a large, stylized flourish.

Jennifer Dyer  
Human Resources Manager  
UPEK, Inc.  
2200 Powell Street, Suite 300  
Emeryville, CA 94608  
510-420-2616  
510-420-2699 fax